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broadcast key update parts

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- 2001

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### A Key Update Based on Logistic Model in Cognitive Radio Networks

J Zhou, X Zhou, H Wu, L Sun - icise, 1899 - computer.org

... **Update key** is one of important **parts** in four phases of **key** management [19], and it is more difficult than traditional wireless networks because of dynamical selecting spectrum. ... Some cognitive nodes compose of trusted third party who **broadcast update key** information by all ...

[Related articles](#) - [All 2 versions](#)

### [CITATION] Trade-offs in routing private multicast traffic

L Gong, N Shacham - IEEE Global Telecommunications Conference, 1995. ..., 1995

[Cited by 10](#) - [Related articles](#) - [BL Direct](#) - [All 3 versions](#)

### [CITATION] Policy-based security management for large dynamic groups: ...

PT Dinsmore, DM Balenson, M Heyman, PS Kruus, CD ... - ... Conference and Exposition ..., 2000

[Cited by 37](#) - [Related articles](#) - [All 7 versions](#)

### [CITATION] A survey of security issues in multicast communications

MJ Moyer, JR Rao, P Rohatgi - IEEE network, 1999

[Cited by 204](#) - [Related articles](#) - [BL Direct](#) - [All 6 versions](#)

### An integrated system for neural network simulations

S Garth, D Pike - ACM SIGARCH Computer Architecture News, 1988 - portal.acm.org

... multiply-sum-**update** operation is provided, including a prescale to adjust the learning rate, with a ... using the PC's tools but in the context of other NETSIMs performing other **parts** of the ... including bootstrap and a soft reset, independent of the state of the **broadcast key** register. ...

[Cited by 3](#) - [Related articles](#) - [All 4 versions](#)

### Faster kinetic heaps and their use in **broadcast** scheduling

H Kaplan, RE Tarjan, K Tsoutsoulidis - Proceedings of the twelfth ..., 2001 - portal.acm.org

... structure in Section 6 as a max-heap, since this is what is required for **broadcast** scheduling ... balanced binary tree with the items in the external nodes in decreasing order by **key** coefficient ... An **update** (either an insertion or a deletion) is done by following the path down through the ...

[Cited by 12](#) - [Related articles](#) - [All 8 versions](#)

### [CITATION] The versakey framework: Versatile group **key** management

M Waldvogel, G Caronni, D Sun, N Weiler, B Plattner - IEEE Journal on selected ..., 1999

[Cited by 290](#) - [Related articles](#) - [BL Direct](#) - [All 29 versions](#)

### An end-to-end communication architecture for collaborative virtual environments

S Shirmohammadi, ND Georganas - Computer Networks, 2001 - Elsevier

... A similar situation applies for CVEs: **key update** messages must be transmitted reliably because their ... Similarly, CVE **update** messages need a transport protocol that provides scalability, low latency ... of today's CVEs such as peer-to-peer, client-server, **broadcast**, UDP multicast ...

[Cited by 63](#) - [Related articles](#) - [All 7 versions](#)

Finite Element Analysis of Cylindrical **Parts** at Forced Spinning [J]

Z Zhaoyao, L Yan, Z Xianming, X Kemin, ... - JOURNAL OF ..., 1994 - en.cnki.com.cn

... **Key Words**】 : fube-like **parts** power spinning ... 3, HUANG Liang,YANG He,ZHAN Mei(State **Key** Laboratory of Solidification Processing,School of Materials Science ... 4, CHEN Yi-ming~(1),ZHOU Yi-qing~(2) (1.Jiangmen **Broadcast**-Television University,Jiangmen Guangdong 529000 ...

Cited by 3 - [Related articles](#) - [Cached](#)Distributing a B+-tree in a loosely coupled environment

G Matsliach, O Shmueli - Information Processing Letters, 1990 - Elsevier

... **UPDATE**: Updating an existing record ... 1. A local **broadcast** network. each internal conceptual node contains two additional keys, which are the minimum possible **key** value and a **key** larger than the maximum possible **key** value in the subtree rooted at the conceptual node, and ...

Cited by 9 - [Related articles](#) - [All 4 versions](#)[PDF] **Key** management for secure multicast communications

R Poovendran - 1999 - Citeseer

... 71 5.1 **Key Update** Process in [14]. . . . 74 5.2 Deletion of M 1 in Rooted-Tree of [10]. . . . 76 5.3 **Key Update** After revocation of M 1 [10]. . . . 77 5.4 **Key update** process using pseudo-random functions [13]. . . . 78 x ...

Cited by 6 - [Related articles](#) - [View as HTML](#) - [All 16 versions](#)[CITATION] Optical networking **update**

PE Green Jr - IEEE Journal on Selected Areas in Communications, 1996

Cited by 222 - [Related articles](#) - [All 5 versions](#)Dynamic cryptographic context management (DCCM)

DM Balenson, P Dismore, M Heyman, PS Kruus, C ... - 2000 - oai.dtic.mil

... the leaves, and the group **key** as the root of a logical tree, and **update** keys via ... If it is critical for the application to minimize the number of bits **broadcast**, the number ... High-level architecture The functionality of DCCM is provided through several **key** software components that can ...

Cited by 3 - [Related articles](#) - [All 8 versions](#)[CITATION] An adaptive access method for **broadcast** data under an error- ...

SC Lo, ALP Chen - IEEE Transactions on Knowledge and Data ..., 2000

Cited by 34 - [Related articles](#) - [BL Direct](#) - [All 6 versions](#)[PDF] ... FILE TREE MACHINE: EFFICIENT MULTI-KEY RETRIEVAL FOR VLSI

HP Kriegel, R Mannss, M Overmars - Foundations of data organization, 1985 - cs.uu.nl

... The following method for **update**' operations is based on Song's space allocation scheme [Son BI] which ... the results of operations are computed, bottom-up physical deletion requests are **broadcast** from the ... tree to the roots of the record trees using the location as a primary **key**. ...

[Related articles](#) - [All 5 versions](#)[PDF] Extending the DII COE for Real-Time

LCLMJ Robillard, HR Callison, J Maurer - DII COE, 1999 - Citeseer

... Commands Weapon Status Tactical C2: • Situation awareness • High frequency track **update** • Real-time ex ... Four of CORBA's **key** objectives are support for location independence, operating system ... It extends the CORBA standard with reli- able and unreliable **broadcast** and multi ...

Cited by 1 - [Related articles](#) - [View as HTML](#) - [All 2 versions](#)[PDF] Public-**Key** Cryptosystems Ronald L. Rivest, Adi Shamir, and Leonard M. ...

EW Burrows - Communications of the ACM, 1978 - Citeseer

... not the point) Eg Anna kour\*va virus, Nigerian email scam, MS **update** scam ... Hybrids offer best of both worlds (eg SSL) **Broadcast** encryption channels Public **key** channel is **broadcast** channel: you can send a message without knowing who will receive it ...

[View as HTML](#) - [All 6 versions](#)

### [CITATION] Design of a **broadcast** packet switching network

JS Turner - IEEE transactions on communications, 1988

[Cited by 288](#) - [Related articles](#) - [All 5 versions](#)

### Weaknesses in the **key** scheduling algorithm of RC4

S Fluhrer, I Mantin, A Shamir - Selected Areas in Cryptography, 2001 - Springer

... However, this distinguisher could only be used to mount a partial attack on RC4 in **broadcast** applications ... Although these corrupted entries might interfere with j updates, the pseudo-random j might reach them before they are used to **update** j (ie, before ... 4 **Key**-Output Correlation ...

[Cited by 785](#) - [Related articles](#) - [BL Direct](#) - [All 135 versions](#)

### LOCCS: Low overhead communication and computation subroutines

F Desprez, B Tourancheau - Future Generation Computer Systems, 1994 - Elsevier

... **Key** words: Communication library; Overlap; Pipeline; Global communications I~ Inl rodution The most natural way of programming ... 5 gives the classical **broadcast**-cube algorithm on an hypercube. ... for k:O to ni r~,I-:: c~h:\_root(#) Determine pivot row **Update** permutation vector ...

[Cited by 30](#) - [Related articles](#) - [All 5 versions](#)

### [PDF] A Combination of Scalable Caching Methods for a Weakly Coherent Shared ...

K Zamanifar, JM Nash, PM Dew - ... OF COMPUTER STUDIES LU SCS RR, 1996 - Citeseer

... As with the barrier scheme, when a variable is initially read from or write in the shared memory, the state tag is set to 2, and write references **update** the shared memory through the cache. According to the 4 Page 6. ... Step 3 (**broadcast key**) One process computes a ... into equal **parts**. ...

[Related articles](#) - [View as HTML](#) - [BL Direct](#) - [All 6 versions](#)

### [CITATION] Control and supervision of a digital **broadcast** network

M Kneip, M Friederes, A Kuresevic, P Siebert, SE des ... - ... , International (Conf. Publ. ...), 1996

[Cited by 2](#) - [Related articles](#) - [BL Direct](#) - [All 2 versions](#)

### [PDF] Exploiting versions for handling updates in **broadcast** disks

E Pitoura, PK Chrysanthis - ... Conference on Very Large Data Bases, 1999 - charon.cs.uoi.gr

... access data by specifying the value of one attribute of the record, the search **key**. ... on various parameters, such as the allowable bandwidth, feedback from clients, or **update** rate at ... Whereas, κ (the number of older versions **broadcast**) in the multiversion **broadcast**, is a property of ...

[Cited by 88](#) - [Related articles](#) - [BL Direct](#) - [All 8 versions](#)

### The datacycle architecture for very high throughput database systems

G Herman, KC Lee, A Weinrib - ACM SIGMOD Record, 1987 - portal.acm.org

... Use of the repetmve **broadcast** of the database to decentrahze con&t detection and synchroNze the aCtlOnS of the many access managers is a **key** feature of amhtecture The ar&tectme should exhlbt excel- lent **update** throughput when compared with ...

[Cited by 168](#) - [Related articles](#) - [All 3 versions](#)

### [PDF] Analysis and Design of Robust **Key** Schemes for Multicast Communications

R Poovendran, JS Baras - 1999 - isr.umd.edu

... of one of the mem- bers, there has to be a mechanism to securely **update** the SK ... is one approach to achieve this goal, a common shared **key** called the **Key** Encrypting **Key** (KEK) can ... a single KEK, each member is given a variable number of KEKs for **broadcast** efficiency while ...

[Related articles](#) - [All 6 versions](#)

### Scalable multicast security with dynamic recipient groups

R Molva, A Pannetrat - ... on Information and System Security (TISSEC ...), 2000 - portal.acm.org

... nents share the security processing load with the source and ensure the containment of security

exposures at various **parts** of the ... This simple scenario illustrates both scalability failures: the departure of one member affects the entire group through the **key update** procedure and ...

[Cited by 81](#) - [Related articles](#) - [All 15 versions](#)

### **[BOOK] De-interlacing: A key technology for scan rate conversion**

EB Bellers, G De Haan - 2000 - [books.google.com](#)

... Therefore, de-interlacing remains a **key** technology for future image quality ... video, it is unlikely that we can silence all discussions on interlace or progressive video **broadcast**. ... in the picture caused by the cycle frequency of the mains power<sup>3</sup>, the picture-**update** frequency was set ...

[Cited by 62](#) - [Related articles](#) - [BL Direct](#) - [All 2 versions](#)

### **A hybrid index technique for power efficient data broadcast**

Q Hu, WC Lee, DL Lee - Distributed and Parallel Databases, 2001 - Springer

... The whole index tree is divided into two **parts**: replicated and non-replicated **parts**. ... The first node of each distributed index tree contains a tuple, with the first field as the primary **key** of the record that was **broadcast** last and the second field as the offset to the beginning of the ...

[Cited by 71](#) - [Related articles](#) - [BL Direct](#) - [All 7 versions](#)

### **An Infrastructure for Real-Time Interactive Distance E-Learning Environment**

J Yu - icise, 1999 - [computer.org](#)

... server and VNC client to implement the common real-time interactive e-learning functions such as the electron blackboard simulation, the **broadcast**, and the ... (2) Get server response: The server responds to this message by sending an **update** message of ... (3) **Key** event sending ...

[Related articles](#) - [All 2 versions](#)

### **Broadcast anti-jamming systems**

Y Desmedt, R Safavi-Naini, H Wang, L Batten, C ... - Computer Networks, 2001 - Elsevier

... rest of the group, one possible solution is to give the transmitter's frequency list and frequency **update** table, to ... and prove that anti-jamming systems with multiple transmitters are equivalent to the **Key** Distribution Patterns ... [18] studied AJS in the context of **broadcast** authentication ...

[Cited by 22](#) - [Related articles](#) - [All 11 versions](#)

### **MIXes in mobile communication systems: Location management with privacy**

H Federrath, A Jerichow, A Pfitzmann - Information Hiding, 1996 - Springer

... responsible MSC **broadcast** in the location area message incoming HLR ... In asymmetric (public **key**) cryptosystems we assume an indeterministic cryptosystem, ie equal plaintext blocks are encrypted to different ciphertext blocks! ... 5.2 Location Registration and Location **Update** ...

[Cited by 58](#) - [Related articles](#) - [BL Direct](#) - [All 25 versions](#)

### **[PDF] Concurrency and Linear Hashing**

NY Rochester - 1985 - [urresearch.rochester.edu](#)

... Therefore the complete release of locks between the single **key update** (ie, AddRecord, RemoveRecord) and ... would involve requiring each operation that changes the data structure to **update** shared utilization ... serve as managers for the pieces they contain or some **parts** of the ...

[Related articles](#) - [View as HTML](#) - [All 2 versions](#)

### **[CITATION] Rudolf Munz Technische Universitat Berlin Fachbereich Informatik**

DD BASES, S REALIZATION, R OF - Distributed data bases: ..., 1980 - North-Holland

[Related articles](#)

### **[PDF] Using history information to process delayed database updates,"**

SK Sarin, CW Kaufman, JE Somers - Proc. 12th Int. Conf. on Very Large ..., 1986 - Citeseer

... The **update parts** of transactions are designed to preserve the invariants, but integrity constraints may be ... that we are exploring, including more efficient processing of specialized **update** operations (such as ... Section 5 concludes by summarizing the **key** features of the algorithm. ...

[Cited by 25](#) - [Related articles](#) - [View as HTML](#) - [All 7 versions](#)

**[PDF] Command and control simulation interface language (CCSIL): status update**

M Salisbury - MITRE Informal Report, Twelfth Workshop on ..., 1995 - Citeseer

... The Method of Control format is used to specify the timing considerations for starting a phase or CCSIL mission within an operation order. The format has two main **parts**: (1) control type **key-word**; and (2) the parameters for that particular control type. ... CCSIL Status **Update** ...

[Cited by 28](#) - [Related articles](#) - [View as HTML](#) - [All 4 versions](#)

**[CITATION] 8.3 AN INTEGRATED SYSTEM FOR NEURAL NETWORK ...**

S Garth, D Pike - VLSI for artificial intelligence, 1989 - Kluwer Academic Pub

[Related articles](#)

**Implementing sequentially consistent shared objects using broadcast and point-to- ...**

A Fekete, MF Kaashoek, N Lyrich - Journal of the ACM (JACM), 1998 - portal.acm.org

... operation accesses a single copy of the object, while each **update** accesses all ... The lower layer uses the given **broadcast** and point-to- point communication services ... and Verifying and Reasoning about Programs General Terms: Algorithms, Verification Additional **Key Words** and ...

[Cited by 46](#) - [Related articles](#) - [BL Direct](#) - [All 23 versions](#)

**An alternative approach to distributed database updating**

RJ Greene - Proceedings of the May 4-7, 1981, national computer ..., 1981 - portal.acm.org

... Two tables, the control and **update** tables, provide **key** in- formation needed by the algorithm to perform the two major functions ... **BROADCAST** ... To represent this, the **update** table consists of two **parts**, a sublist and a modification sublist, which pass with the control token to a DBMS ...

[Cited by 1](#) - [Related articles](#) - [All 3 versions](#)

**[PDF] ... related problems: From semi-passive replication to totally ordered broadcast**

X Défago - 2000 - Citeseer

... 104 6.2 Messages complexity of total order **broadcast** algorithms under high load ... The **key** problem in the implementation of active replication lies in the ability to impose a total order on request ... This technique requires to (1) select a primary, and (2) **update** the backups properly ...

[Cited by 46](#) - [Related articles](#) - [View as HTML](#) - [All 15 versions](#)

**Broadcast Strategies to Maintain Cached Data for Mobile Computing System<sup>1</sup>**

K Lam, E Chan, JCH Yuen - Advances in database technologies ..., 1999 - books.google.com

... A **key** element in many of these mobile computing systems is the need to distributed real-time ... validity of the data items is explicitly defined by their avi and their last **update** time-stamps. ... it is not possible to refresh their validity them in the client cache under the **broadcast** approach ...

[Cited by 4](#) - [Related articles](#) - [BL Direct](#) - [All 8 versions](#)

**[CITATION] Telesoftware: Home Computing Via Broadcast Teletext**

J Hedger, I Television, STV Center - IEEE Transactions on Consumer Electronics, 1979

[Cited by 8](#) - [Related articles](#)

**[PDF] Fisheye state routing: A routing scheme for ad hoc wireless networks**

G Pei, M Gerla, TW Chen - IEEE International Conference on ..., 2000 - Citeseer

... The data packet is **broadcast** to the nodes in the direction of the des- tination using only location ... The **key** difference is the way in which routing information is disseminated ... are updated according to the time stamp or sequence number assigned by the node originating the **update**. ...

[Cited by 332](#) - [Related articles](#) - [View as HTML](#) - [BL Direct](#) - [All 20 versions](#)

**[PDF] A decentralized architecture for group key management**

S Rafaeli - Computing Department, Lancaster University, 2000 - Citeseer

... Now, when the sender wants to **broadcast** a message to the group, it chooses a randomly secret

**key** (Y ... This way, every remaining member can **update** their old KEs without gaining further knowledge about the KEs other ... CHAPTER 3. GROUP **KEY** DISTRIBUTION SURVEY ...

[Cited by 19](#) - [Related articles](#) - [View as HTML](#) - [All 6 versions](#)

### **[PDF]** [Compiler-Directed Selective \*\*Update\*\* Mechanisms for Software Distributed ...](#)

S Dwarkadas, A Cox, H Lu, W Zwaenepoel - 1995 - Citeseer

... doesn't require a **broadcast**, only the synchronizing processors communicate. ... to the size of the **key** range, since an array of size ... 12 Page 13. Application Protocol Messages KBytes IS **Sel-Update** 1306 2661 Hybrid 2106 10884 Invalidate 2139 2633 Msg-based 588 2293 ...

[Cited by 2](#) - [Related articles](#) - [View as HTML](#) - [All 3 versions](#)

### **Mobile IP**

GJ Heijenk - 1999 - eprints.eemcs.utwente.nl

... Mobile Host • Gratuitous ARP: The Home Agent or Mobile Host **Broadcast** a not requested ARP after a change has ... host → new FA) • binding **update** (new FA → old FA) ... mobile host and foreign agent need to exchange registration **key** for authentication ...

[Related articles](#) - [View as HTML](#) - [All 6 versions](#)

### **EMPACT™: a distributed database application**

A Norman, M Anderton - Proceedings of the May 16-19, 1983, ..., 1983 - portal.acm.org

... asynchronously by SUSMON. All **update** and insert activity involving the sus- pense file is covered by TMF. Data Ownership and **Key** Ranges As with the **broadcast** method, TMF guarantees the consistency of the database. However, with ...

[Cited by 10](#) - [Related articles](#) - [All 11 versions](#)

### **[PDF]** [Probabilistic methods in multicast \*\*key\*\* management](#)

AA Selçuk, D Sidhu - Lecture notes in computer science, 2000 - cs.bilkent.edu.tr

... The rekey operations caused by a periodic **key update** or a joining member can be realized by a single fixed-size multicast message using a one-way function [13]. ... Staddon. Combinatorial bounds for **broadcast** encryption. ... **Key** establishment in large dynamic groups

[Cited by 4](#) - [Related articles](#) - [View as HTML](#) - [BL Direct](#) - [All 4 versions](#)

### **[CITATION]** [Automating the digital \*\*broadcast\*\* process: control, complexity and cost](#)

M Meechan - Electronics & Communication Engineering Journal, 2001

[BL Direct](#) - [All 4 versions](#)

### **[PDF]** [An automatic logfile analyzer for parallel programs](#)

S Qiao, H Zhang - Proceedings of the International Conference on ..., 1999 - Citeseer

... The collective communication functions include **broadcast**, reduce, scatter and gather. ... list; otherwise put the input event paired with a null event into the pending list and **update** the state ... pre-log stage, put the event into the request table, using the event sequential ID as the **key**. ...

[Cited by 5](#) - [Related articles](#) - [View as HTML](#) - [All 6 versions](#)

### **[CITATION]** [Using distributed topology \*\*update\*\* and preplanned configurations ...](#)

BA Coan, WE Leland, MP Vecchi, A Weinrib, LT Wu, M ... - IEEE Transactions on ..., 1991

[Cited by 59](#) - [Related articles](#) - [All 4 versions](#)

### **A SCALABLE DESIGN FOR DICTIONARY MACHINES<sup>1</sup>**

T Duboux, A Ferreira, M Gastaldo - Algorithms and parallel VLSI ..., 1995 - books.google.com

... Also, communications in T are very simple, which is not the case in the **broadcast** of the instructions from T to ... As seen before, the **key** distribution among the P's is not known beforehand. ... n;- Else 1^ t—lfop Swap (lt, At (t)) between Pt and 7} (c) If At (<-l)^ Koid **Update**, if necessary ...

[Cited by 5](#) - [Related articles](#)

**[CITATION] Efficient process migration in the EMPS multiprocessor system**

GJW Van Dijk, MJ Van Gils - Parallel Processing Symposium, 1992. Proceedings., ..., 1992

Cited by 9 - Related articles - All 3 versions

**[PDF] Location management strategies increasing privacy in mobile ...**

D Kesdogan, H Federrath, A Jerichow, A ... - 12th International ..., 1996 - Citeseer

... MSCnew ¶ Figure 1 Example of a location **update** in GSM-network according to [MoPa\_92] ... Another difference to GSM is the necessary bandwidth on the **broadcast** channel for signaling. By using public **key** cryptography, one paging message is approximately 500 bit long. ...

Cited by 28 - Related articles - View as HTML - All 23 versions

**The Jupiter audio/video architecture: secure multimedia in network places**

P Curtis, M Dixon, R Frederick, DA ... - Proceedings of the third ..., 1995 - portal.acm.org

... or Microphone widget is turned on by the user, its associated transmitter is added to the **broadcast** set for its ... The **key** manager's use\_broadcast\_address() and use\_transmitter\_address() notifications are simply passed through to the user's client, to **update** the addresses ...

Cited by 35 - Related articles - All 21 versions

**[PDF] On a Recent Problem of Communication-Storage Tradeoffs for Secure ...**

R Poovendran, JS Baras - 1999 - 129.2.17.93

... failure of one of the members, there has to be a mechanism to securely **update** the SK ... keys is one approach to achieve this goal, a specific **key** called the **Key** Encrypting **Key** KEK can ... member is given a set of KEKs that are shared with different members for **broadcast** efficiency. ...

View as HTML - All 6 versions

**[CITATION] Power conservative multi-attribute queries on data broadcast**

Q Hu, WC Lee, DL Lee, ACS Inc, CA Berkeley - Data Engineering, 2000. ..., 2000

Cited by 62 - Related articles - BL Direct - All 26 versions

**Research in data broadcast and dissemination**

D Aksoy, M Altinel, R Bose, U Cetintemel, M ... - Advanced Multimedia ..., 1998 - Springer

... by an event such as a user action (for pull) or data **update** (for push ... 1), ensuring that **broadcast** scheduling will not become a bottleneck regardless of the **broadcast** bandwidth, database ... User profiles, which encode the data needs and interests of users, are **key** com- ponents of ...

Cited by 68 - Related articles - BL Direct - All 21 versions

**[CITATION] Broadcast in fast networks**

A Gopal, I Gopal, S Kuten - IEEE INFOCOM'90. Ninth Annual Joint Conference of ..., 1990

Cited by 12 - Related articles - All 3 versions

**Cosmos: A system for supporting engineering negotiation**

W Mark, J Dukes-Schlossberg - Concurrent Engineering, 1994 - cer.sagepub.com

Page 1. http://cer.sagepub.com Concurrent Engineering DOI: 10.1177/

1063293X9400200304 1994; 2; 173 Concurrent Engineering William Mark and Jon

Dukes-Schlossberg Cosmos: A System for Supporting Engineering Negotiation ...

Cited by 21 - Related articles - All 8 versions

**Direct broadcast satellite-radio, receiver development**

A Vaisnys, D Bell, J Gevargiz, N Golshan - 1993 - trs-new.jpl.nasa.gov

... a prototype receiver that is compatible with reception of digital audio programs **broadcast** via satellites. ... be made during the current simulation effort, while a few of the **key** design options ... for obtaining the outputs of the loop filters, numerically controlled oscillator, **update** filter, and ...

View as HTML - All 4 versions

Formal specification and compositional verification of an atomic **broadcast** protocol

P Zhou, J Hooman - Real-Time Systems, 1995 - Springer

... To achieve high availability of a service despite failures, a **key** idea is to implement the service by a ... In this section, we characterize  $S(p)$ , ie, the atomic **broadcast** server process running on  $p$ . Notice that ... When  $p$  initiates an **update** (7 at clock time  $T$ , it will send message  $\langle T, p, (7 \dots$

Cited by 16 - Related articles - BL Direct - All 7 versions

**[CITATION] Spacecraft Technology for Broadcasting Satellites--An Update**

H Cohen, SA Matra, F Toulouse - IEEE Journal on Selected Areas in ..., 1985

Cited by 3 - Related articles - All 3 versions

... and reconfiguration management of multiwavelength multihop **broadcast** ...

JFP Labourdette - Computer Networks and ISDN Systems, 1998 - Elsevier

... Re-arrangeability is emerging as a **key** feature of today's telecommunications networks – in particular lightwave ... The network architecture, composed of a **broadcast** optical medium, of user stations, and of ... from station  $i$  to station  $j$ . The network divides into two **parts**: the “access ...

Cited by 24 - Related articles - All 4 versions

Shared virtual memory with automatic **update** support

L Ifode, M Blumrich, C Dubnicki, DL ... - Proceedings of the ..., 1999 - portal.acm.org

... The custom network interface is the **key** system component of the SHRIMP system: it connects ... can AU-map a local address to only one remote buffer, AU-**broadcast** is not ... First, we evaluate the impact of using automatic **update** support simply to accelerate the communication in ...

Cited by 14 - Related articles - All 10 versions

**[CITATION] Broadcast normalization in systolic design**

F Lin, IC Wu - IEEE Transactions on Computers, 1988

Cited by 8 - Related articles - All 8 versions

**[CITATION] CEDAR: a core-extraction distributed ad hoc routing algorithm**

R Sivakumar, P Sinha, V Bharghavan - IEEE Journal on Selected Areas in ..., 1999

Cited by 792 - Related articles - BL Direct - All 26 versions

Subcube matrix decomposition: A unifying view for LU factorization on ...

M Angelaccio, M Colajanni - Parallel Computing, 1994 - Elsevier

... **Key** words: LU factorization; Multicomputers; Program derivation scheme; Sendahead strategy; Subcube Matrix ... 2) in the compute and sendahead version, vice versa, the **broadcast** is carried out ... without augmenting node operations implies the split of the **update** stage in three ...

Cited by 13 - Related articles - All 4 versions

Statecharts: A visual formalism for complex systems

D Harel - Science of computer programming, 1987 - Elsevier

... In a nutshell, one can say: statecharts = state-diagrams + depth + orthogonality + **broadcast**-communication. ... the latter in the form of one extra level of states within the three **update** states (cf. ... allow the user to select an option to be updated by pressing the appropriate **key** and then ...

Cited by 5736 - Related articles - All 82 versions

**[CITATION] Techniques for **update** handling in the enhanced client-server DBMS**

A Delis, N Roussopoulos - IEEE Transactions on Knowledge and Data ..., 1998

Cited by 14 - Related articles - BL Direct - All 9 versions

**[PDF] An overview of the andrew file system**

JH Howard... - Proceedings of the USENIX Winter Technical ..., 1988 - CiteSeer

... have many other requirements (such as record- or field-granularity authorization, physical disk



write ordering controls, and **update** serialization) which ... The third and last **key** design decision in the Andrew File System was to implement it with many rela- tively ... to **broadcast** global ...

[Cited by 223](#) - [Related articles](#) - [View as HTML](#) - [All 15 versions](#)

### [\[PDF\] Video processing for multimedia systems](#)

G de Haan... - SYMPOSIUM ON INFORMATION THEORY IN THE ..., 2000 - [ics.ele.tue.nl](#)

... In conclusion, video format conversion (VFC) has become a **key** technology for multimedia systems. ...

2An exception occurs when Im material is **broadcast**. As the odd and even lines transmit- ... lation of an **update** in a pel-recursive estimator even when this calculation has ...

[Cited by 95](#) - [Related articles](#) - [View as HTML](#) - [BL Direct](#) - [All 3 versions](#)

### [Large Scale Multi-User Virtual Worlds](#)

G Singh, TK Das - Advanced IT tools: IFIP World Conference on ..., 1996 - [books.google.com](#)

... One of the most common hurdles is to find the **key** that opens the door so that other **parts** of ... Until

an **update** is received, the new position of a remote (or a network-based) object is extrapolated

from ... Both SIMNET and DIS use **broadcast** for communication among virtual worlds. ...

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### [\[PDF\] From \*\*broadcast\*\* television to Internet audio/video: techniques and tools for ...](#)

DB Makofske, KC Almeroth - Software-Practice and Experience, 2001 - [CiteSeer](#)

... While the services o ered by companies like TiVo and ReplayTV exist for **broadcast** television, we ... The "Timer thread" provides callbacks to the main program every second to **update** the pointer location ... The **key** functionality of MControl is to control the ow of frames as they arrive ...

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### [Model-Checking a Secure Group Communication Protocol: A Case Study](#)

AJ Hu, LI Rui, SHI Xizheng, S ... - Formal Methods for ..., 1999 - [books.google.com](#)

... a more recent program.) Note that the rekeying means that every user must **update** at least ... switches to an incorrect **key** based on decrypting the new **key** with the wrong old **key**. ... Another approach would be to implement a scheme to provide order-preserving **broadcast** on top of ...

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### [\[PDF\] A Greedy Approach For Improving \*\*Update\*\* Processing in Intermittently ...](#)

S Navathe, M Ammar, J Donahoo, S Malik - 1999 - [CiteSeer](#)

... managed instead. For example, given two clients that subscribe to the same **parts** of the server database, such as northern sales data, the server can just maintain one **update**

le for both of them, ... data may be **broadcast**, then ltered at the client. ...

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### [\[PDF\] Scalable processing of read-only transactions in \*\*broadcast\*\* push](#)

P Chrysanthis, E Pitoura - Proceedings of the 19th IEEE ..., 1999 - [charon.cs.uoi.gr](#)

... depending on various parameters, such as the allowable bandwidth, feedback from clients, or **update** rate at ... Let v be the size of the version number, k the size of the **key**, d the ... is that of the invalidation-only method plus the additional space needed to **broadcast** version numbers. ...

[Cited by 1](#) - [Related articles](#) - [All 2 versions](#)

### [\[CITATION\] Interworking and interoperability issues for North American PCS](#)

VK Carg, JE Wilkes - IEEE Communications magazine, 1996

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### [\[PDF\] Efficient topology \*\*update\*\* on high speed wide area networks](#)

MD Siebler - 1995 - [dSPACE.mit.edu](#)

... If an edge's load has changed by that amount since its last **update**, the edge must **broadcast** its actual load ... The first is that since an edge will trigger an **update** if its load varies past the threshold, the error of the ... The **key** to this proof is that the link costs are a lower bound of the ...

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### **[CITATION] Mobile IP and wide area wireless data**

TF La Porta, L Salgarelli, GT Foster - 1999 IEEE Wireless Communications and ..., 1999

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### **A wireless public access infrastructure for supporting mobile context-aware IPv6 ...**

A Friday, M Wu, S Schmid, J Finney, K ... - Proceedings of the ..., 2001 - portal.acm.org

... The **broadcast** protocol is one of the **key** mechanisms for promoting the scalability of GUIDE ... each user successfully authenticates, a copy of the valid token and session **key** is distributed to the access router that forwarded the client's authentication request to **update** the ACL. ...

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### **Hiding in Plain Sight: Exploiting Broadcast for Practical Host Anonymity**

CA Shue, M Gupta - hicss, 1999 - computer.org

... we must also consider scenarios where some hosts do not apply the **update**. ... Chaum [5] generalizes this approach to multiple parties and describes how it can be realized in **key** exchanges. He further discusses how a net- work ring topology enables such **broadcast** mes- ...

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DB Makofske, KC Almeroth - 1999 - imj.ucsb.edu

... While the services offered by companies like TiVo and ReplayTV exist for **broadcast** television, we ... The "Timer thread" provides callbacks to the main program every second to **update** the pointer ... The **key** functionality of MControl is to control the flow of frames as they arrive at the ...

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### **Adaptive Data Broadcast Strategy for Transactions with Multiple Data Requests in ...**

JCH Yuen, E Chan, K Lam - rtcsa, 1999 - computer.org

... is now quite similar to a cache replacement problem with hit-ratio as the **key** performance metric ... is that of Xuan et al [20] in which the scheduling of data for **broadcast** is based ... The information maintained in the server is "refreshed" by **update** transactions which capture the most ...

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### **[PDF] VENUS: A New Architecture For Scalable Virtual Environments**

S Udani, J Smith, GD Kessler - 2000 - Citeseer

... Some of the **key** questions we wanted to answer in our experiments included the limits on numerical scalability (ie global object count), global **update** rate (frame rate for the **broadcast**), bottlenecks on the server on the receive as well as the **broadcast** side, the ...

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### **[CITATION] A component-and message-based architectural style for GUI software**

N Richard, KM Nenad... - 1996 - IEEE Computer Society

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### **Integrating coherency and recoverability in distributed systems**

MJ Feeley, JS Chase, VR Narasayya, HM ... - First Symposium on ..., 1994 - unix.org

... 92] (TreadMarks) The **key** to log-based coherency is that the redo log and entry consistency ... The nization is necessary because updates are **broadcast** node number of the lock manager is ... Composite and atomic part objects are each **update** traversals under our prototype. ...

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### **[PDF] Efficient filtering of XML documents for selective dissemination of information**

M Altinel, MJ Franklin - ... of the 26th International Conference on ..., 2000 - seas.upenn.edu

... Increasing volume of data available in electronic format forces the designers of ID systems to

**broadcast** their data in a selective manner. ... Page 4. Introduction **Key** challenge in SDI is to efficiently and quickly search the ... node of the query from WL to CL and **update** ...

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### Programming NCUBEs\* with a Graphical Parallel Programming Environment ...

K Gates, D Socha, WASHINGTON UNIV ... - ... 1987: proceedings of ..., 1987 - [books.google.com](#)

... The **key** question is whether such a high-level language can provide this programming support while not ... every other process in its column, and that each process on the diagonal be able to **broadcast** across its ... 1 do (t= **update** row) for j<-i to min (n, i+ ft) do (j= **update** column) for ...

[Cited by 4](#) - [Related articles](#) - [All 5 versions](#)

### [PDF] Location **update** and routing scheme for a mobile computing environment

A Ha cL, Y Huang - Int. J. Network Mgmt, 2000 - [eng.auburn.edu](#)

... However, if no cache entry exists for the mobile host, the MSR sends a **broadcast** message to the other MSRs asking for the mobile host's current location. The MSR caches ... This cost includes two **parts**: the **update** cost and routing cost. ...

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### [PDF] Multimodal Approach to the News Video Indexing and Summarization

JG Kim, HS Chang, Y Kim, M Kim, K Kang, J Kim - Proc. IWAIT, 2001 - [register.itfind.or.kr](#)

... In this paper, we propose a novel method for automatic summarization of TV **broadcast** news videos ... Therefore, in order to use CC data as **key** sources to be processed in our summarization ... Then, in the next step of speech recognition, we **update** the time code attached to CC ...

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### [CITATION] Managing the digital multiplex in the **broadcast** environment

NM Thexton, D Nottingham, NDS Ltd - Broadcasting Convention, 1997. International, 1997

[BL Direct](#) - [All 3 versions](#)

### A scalable approach for broadcasting data in a wireless network

A Celik, A Datta - Proceedings of the 4th ACM international ..., 2001 - [portal.acm.org](#)

... than grouping the updates together (avoid multiple context switches, etc), therefore, we choose method (2). To **update** the memory ... Point in a wireless **broadcast** environment. We have identified the SubScribe protocol to be representative of the Group **Key**, the Session **Key** and ...

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### [PDF] Randomized Routing and Sorting on the Reconfigurable Mesh

S Rajasekaran, T McKendall - Technical Reports (CIS), 1992 - [repository.upenn.edu](#)

... sum of the first numbers to the whole array, so that the processors in the second part can **update** their sums. ... similar to the algorithm in section 3.2), so that each block will have a copy of all the sample keys of S. (Realize that it takes O(1) time to **broadcast** a single **key** to the ...

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### Object organization on a single **broadcast** channel in the mobile computing ...

YC Chehadeh, AR Hurson, M Kavehrad - Multimedia Tools and ..., 1999 - Springer

... cation in which, regardless of the location, the user is required to retrieve, **update**, and process ... A **key** feature is that the individual databases retain their autonomy, in order to serve their exist ... of times an object should be replicated, (ii) The region(s) within the **broadcast** where an ...

[Cited by 37](#) - [Related articles](#) - [BL Direct](#) - [All 7 versions](#)

### [CITATION] Replication Protocol Structures for Fault-Tolerant Remote Procedure ...

K Ravindran, S Pichai, ST Chanson - 1994 - Technical Report TR-93-18, Kansas ...

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### [CITATION] Videotex and Teletext

[Related articles - All 2 versions](#)

S Dahlman, T Yliopisto - 2001 - Citeseer

1.1 Context of the study ... keytouch.com **Broadcast** Unicast Multicast Anycast ... not necessarily located in every subnet and network bandwidth is very limited in some **parts** of the network. ...

[Cited by 1](#) - [Related articles](#) - [View as HTML](#) - [All 4 versions](#)

R Van Renesse - System Sciences, 2000. Proceedings of the 33rd ... , 2000

[Cited by 62](#) - [Related articles](#) - [All 13 versions](#)

V Assessment - 2001 - prod.sandia.gov

... as follows: Section 2 addresses dynamic network establishment, Section 3 covers **key** management and ... Since the adversary's repeaters have only increased the **broadcast** range of the mobile ... nodes such as clustering to effectively reduce the amount of **update** traffic required ...

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S START - 2001 - panasonic.com

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